

Application No.: 09/914,449

Docket No.: 21900-00034-US

AMENDMENTS TO THE SPECIFICATION

Page 2, last paragraph bridging page 3 now reads as follows:

In the past, it has been believed that bedsore is caused by poor blood circulation due to pressure on patient's body because of long-term contact with bedding materials. The present inventor has found that, when a patient has been lying for long time on-bed, ~~smelling components and harmful components are generated and stagnated around the patient's body~~ bed, smelly and harmful body substances are generated by the patient's body and they stagnate on the patient's skin, and the skin of the patient is eroded under the influence of these components and bedsore occurs. Then, it was found that bedsore can be prevented by effectively decomposing and eliminating these smelling components and harmful components. To attain the above object, the present invention provides a sheet made of nonwoven fabric or paper, and a deodorant also serving as an agent for removing harmful substances (hereinafter referred as "deodorant/agent") to be impregnated in the sheet and processed by graft polymerization. By arranging the sheet and the deodorant/agent on a portion of a patient's body in contact with a bedding material or on surface or inside of the bedding material, bedsore on the patient's body can be prevented.

Page 4, first full paragraph now reads as follows:

A deodorant also serving as an agent for removing harmful substances generated by the patient's body and stagnating on the skin, the deodorant being impregnated in the sheet and processed by graft polymerization.

Page 10, first full paragraph bridging page 11 now reads as follows:

Fig. 3 is a drawing to show a process for manufacturing the bedsore preventing sheet of Fig. 1. The bedsore preventing sheet of the present invention has been developed by the present inventor from a sheet for deodorizing also used for removing harmful substances.

This deodorizing sheet has been already developed by the present inventor for the distinctly different purpose of removing offensive smell in a room or of eliminating harmful

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substances generated from new types of building materials and permeating the air in a room. The sheet itself is the same as the deodorizing sheet for eliminating offensive smell and for removing harmful substances causing bedsores. This deodorizing sheet has been already developed and a patent application has been filed (Japanese Patent Application 11-217336).

Fig. 3 shows a process of a first embodiment of a method for manufacturing a sheet for removing offensive smell and for eliminating harmful substances. Specifically, Fig. 3 shows an apparatus and a process for manufacturing a roll of sheet by irradiating γ -ray for graft polymerization to a sheet, which is impregnated with a "deodorant/agent" (i.e. a deodorant also serving as an agent for removing harmful substances). A sheet 20 is unwound from a roll 20A of a sheet (nonwoven fabric or paper) before it is impregnated with a deodorant/agent, and the sheet 20 is moved by rollers 22 - 28 in a direction shown by an arrow M1. It is finally wound up, and a roll 20B is formed.